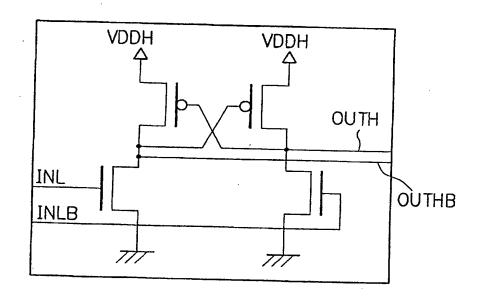
Masahiro NOMURA LEVEL SHIFT CIRCUIT Filed: May 5, 2005 Attorney Docket No.: Q87901 Telephone No. 202-293-7060 Sheet 1 of 38

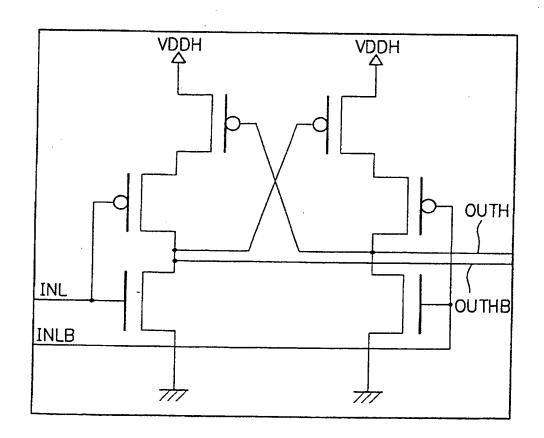
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Masahiro NOMURA LEVEL SHIFT CIRCUIT Filed: May 5, 2005 Attorney Docket No.: Q87901 Telephone No. 202-293-7060 Sheet 2 of 38

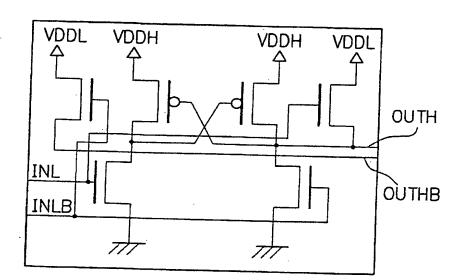




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Masahiro NOMURA LEVEL SHIFT CIRCUIT Filed: May 5, 2005 Attorney Docket No.: Q87901 Telephone No. 202-293-7060 Sheet 3 of 38

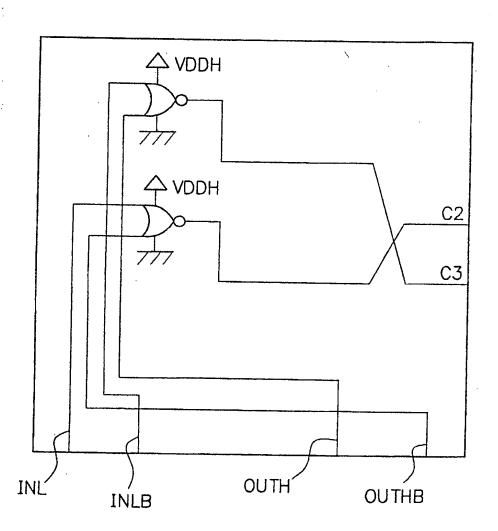
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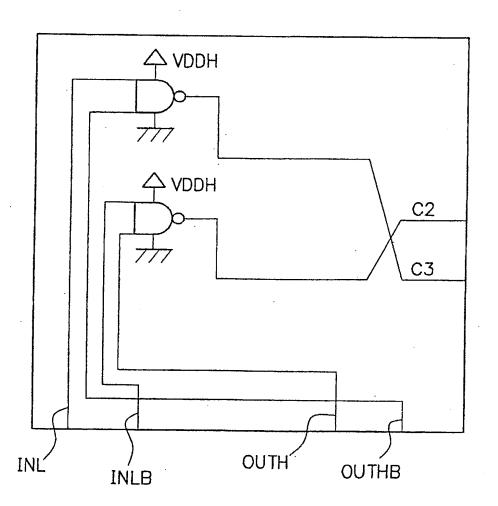
Masahiro NOMURA LEVEL SHIFT CIRCUIT Filed: May 5, 2005 Attorney Docket No.: Q87901 Telephone No. 202-293-7060 Sheet 4 of 38

F I G. 4



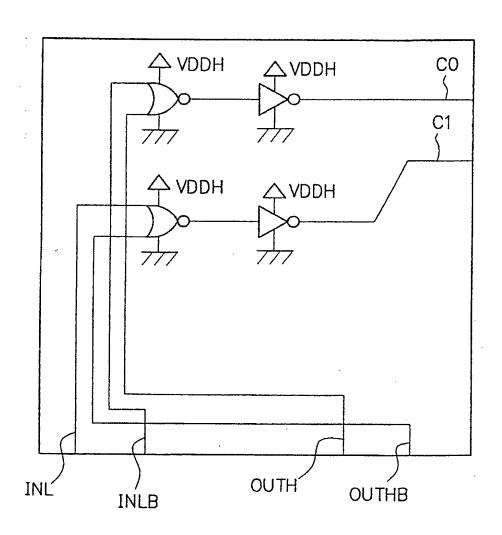
Masahiro NOMURA LEVEL SHIFT CIRCUIT Filed: May 5, 2005 Attorney Docket No.: Q87901 Telephone No. 202-293-7060 Sheet 5 of 38

F I G. 5



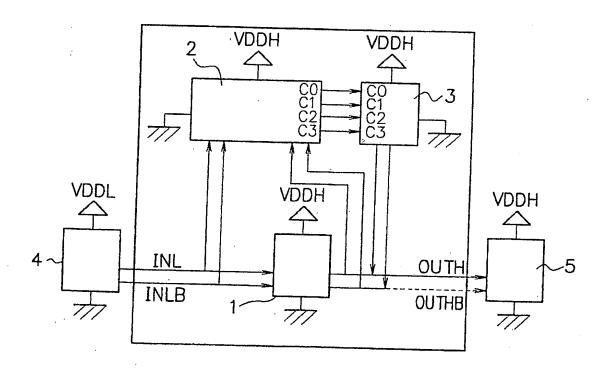
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F I G. 6



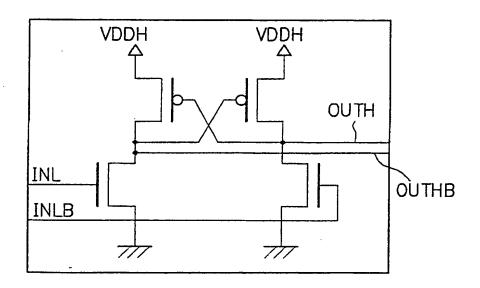
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F I G. 7



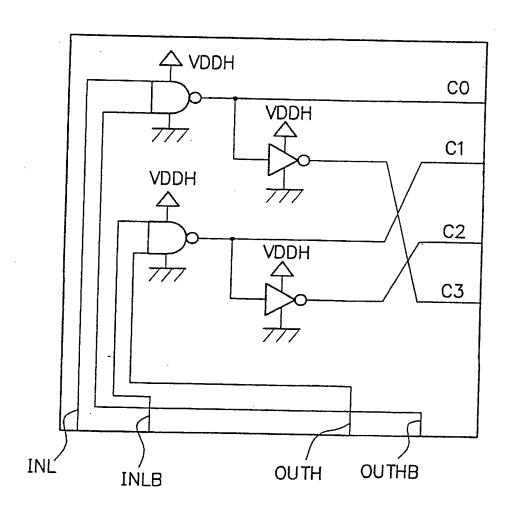
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F I G. 8



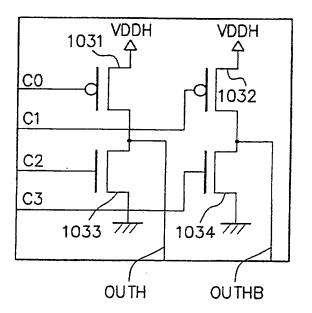
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F I G. 9



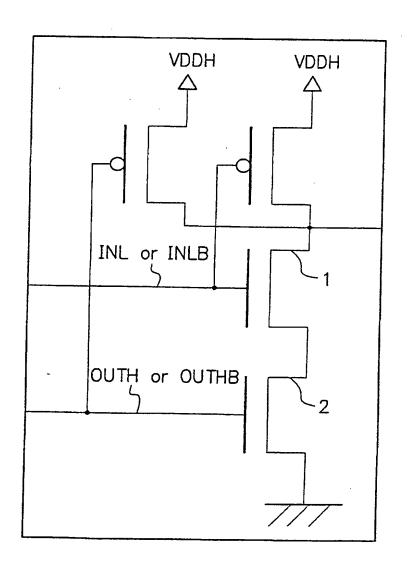
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F I G. 10



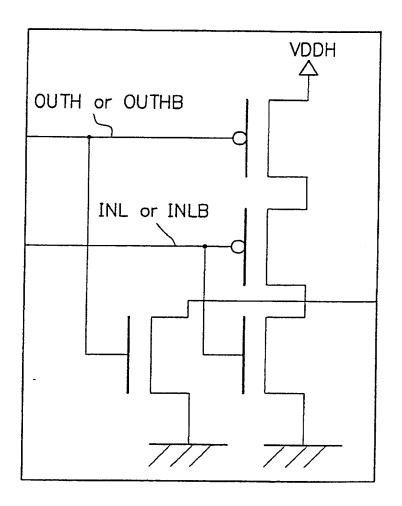
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F I G. 11



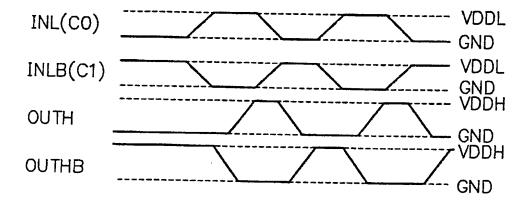
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F I G. 12



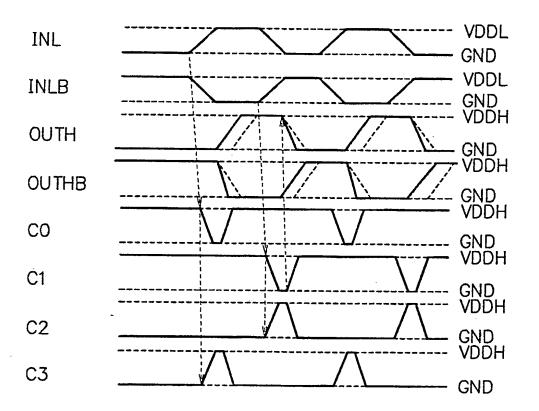
Masahiro NOMURA LEVEL SHIFT CIRCUIT Filed: May 5, 2005 Attorney Docket No.: Q87901 Telephone No. 202-293-7060 Sheet 13 of 38

F I G. 13



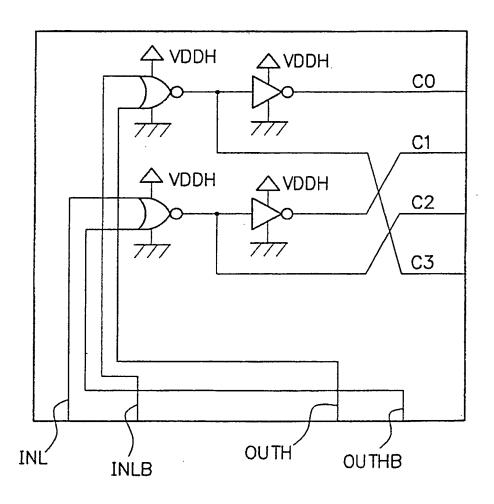
Masahiro NOMURA LEVEL SHIFT CIRCUIT Filed: May 5, 2005 Attorney Docket No.: Q87901 Telephone No. 202-293-7060 Sheet 14 of 38

F I G. 14

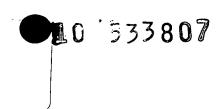


Masahiro NOMURA LEVEL SHIFT CIRCUIT Filed: May 5, 2005 Attorney Docket No.: Q87901 Telephone No. 202-293-7060 Sheet 15 of 38

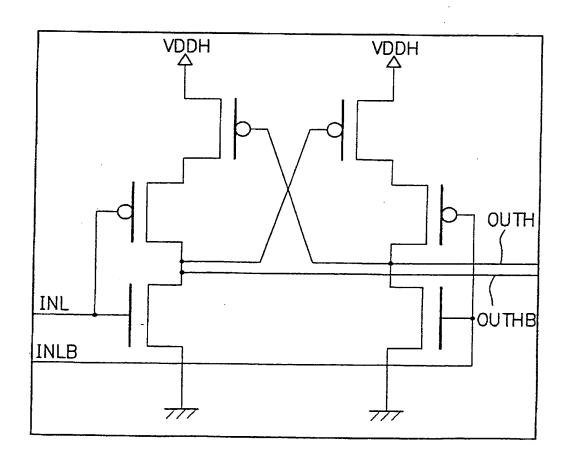
F I G. 15



Masahiro NOMURA LEVEL SHIFT CIRCUIT Filed: May 5, 2005 Attorney Docket No.: Q87901 Telephone No. 202-293-7060 Sheet 16 of 38

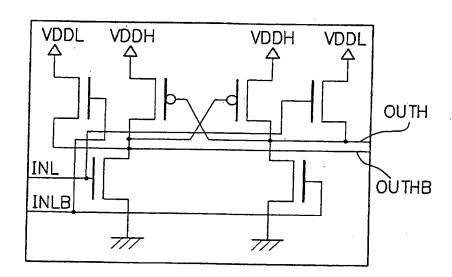


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Masahiro NOMURA LEVEL SHIFT CIRCUIT Filed: May 5, 2005 Attorney Docket No.: Q87901 Telephone No. 202-293-7060 Sheet 17 of 38

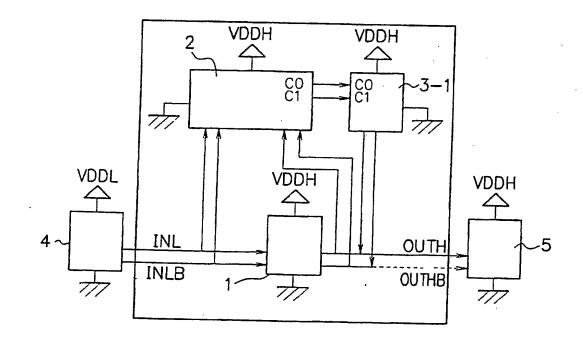
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Masahiro NOMURA LEVEL SHIFT CIRCUIT Filed: May 5, 2005 Attorney Docket No.: Q87901 Telephone No. 202-293-7060 Sheet 18 of 38

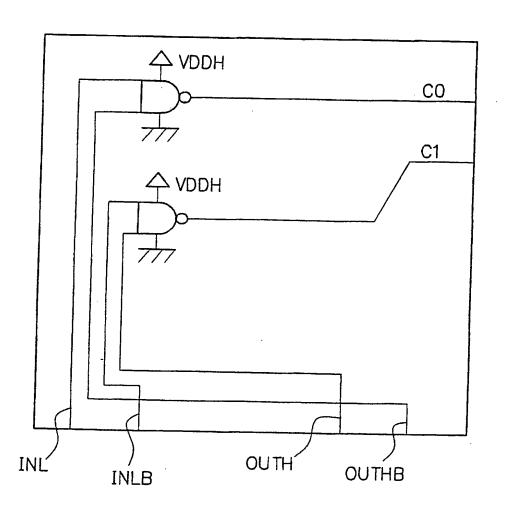
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F I G. 18



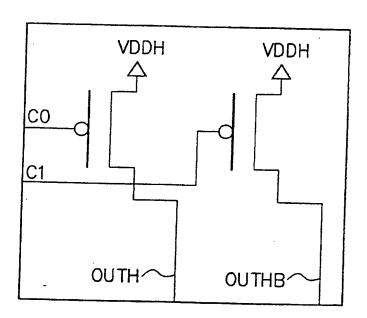
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F I G. 19



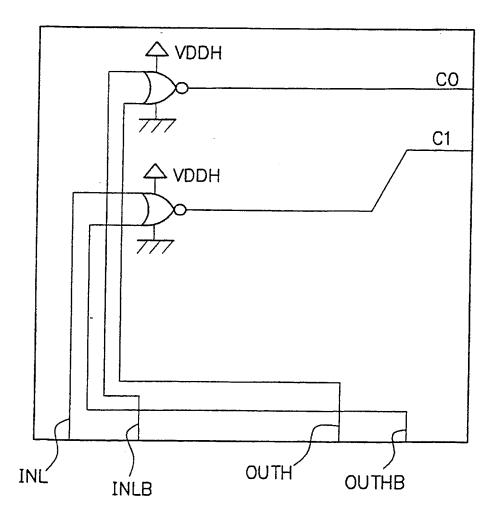
Masahiro NOMURA LEVEL SHIFT CIRCUIT Filed: May 5, 2005 Attorney Docket No.: Q87901 Telephone No. 202-293-7060 Sheet 20 of 38

F I G. 20



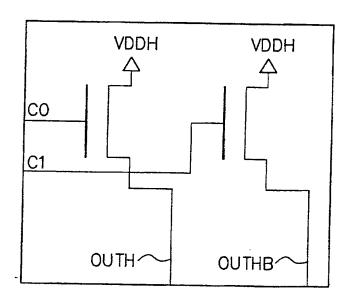
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F I G. 21



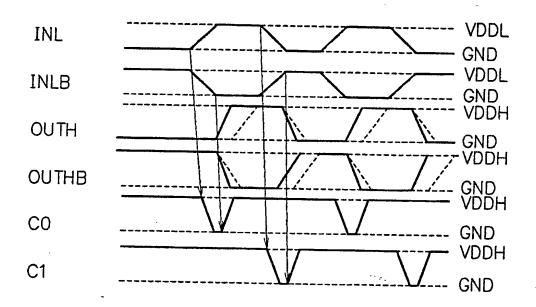
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F I G. 22



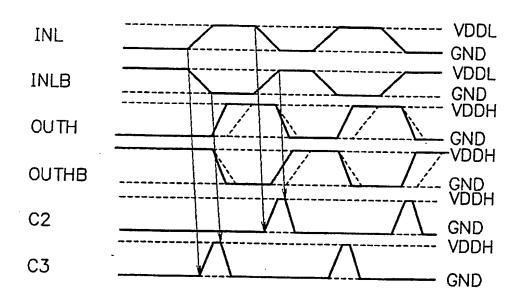
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F I G. 23



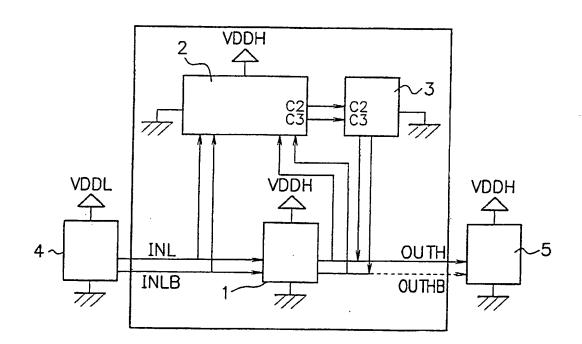
Masahiro NOMURA LEVEL SHIFT CIRCUIT Filed: May 5, 2005 Attorney Docket No.: Q87901 Telephone No. 202-293-7060 Sheet 24 of 38





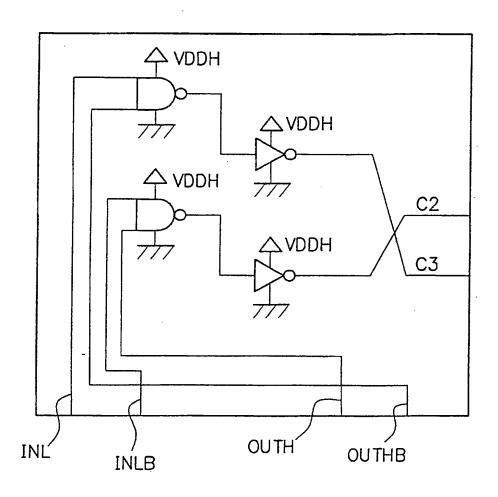
Masahiro NOMURA LEVEL SHIFT CIRCUIT Filed: May 5, 2005 Attorney Docket No.: Q87901 Telephone No. 202-293-7060 Sheet 25 of 38

F I G. 25



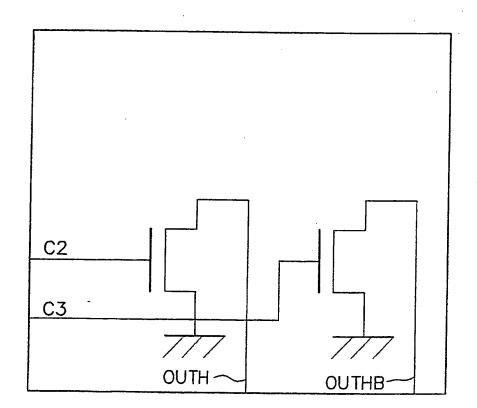
Masahiro NOMURA LEVEL SHIFT CIRCUIT Filed: May 5, 2005 Attorney Docket No.: Q87901 Telephone No. 202-293-7060 Sheet 26 of 38

F I G. 26

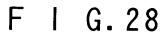


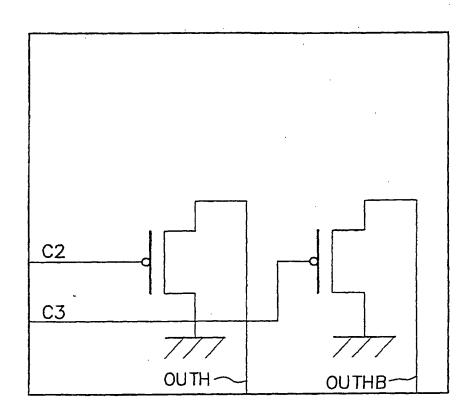
Masahiro NOMURA LEVEL SHIFT CIRCUIT Filed: May 5, 2005 Attorney Docket No.: Q87901 Telephone No. 202-293-7060 Sheet 27 of 38

F I G. 27



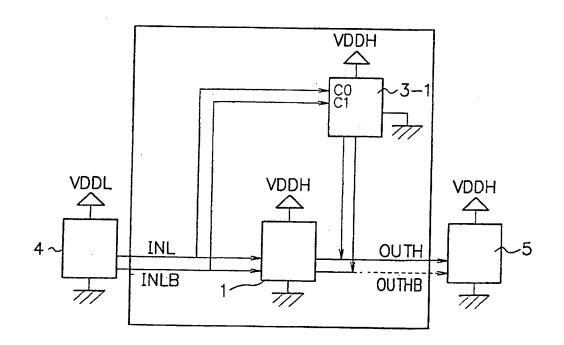
Masahiro NOMURA LEVEL SHIFT CIRCUIT Filed: May 5, 2005 Attorney Docket No.: Q87901 Telephone No. 202-293-7060 Sheet 28 of 38





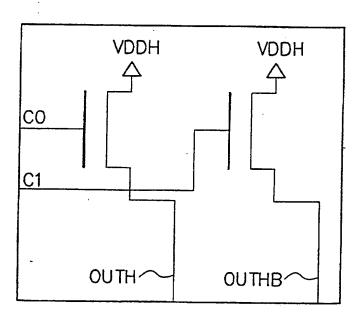
Masahiro NOMURA LEVEL SHIFT CIRCUIT Filed: May 5, 2005 Attorney Docket No.: Q87901 Telephone No. 202-293-7060 Sheet 29 of 38

F I G. 29



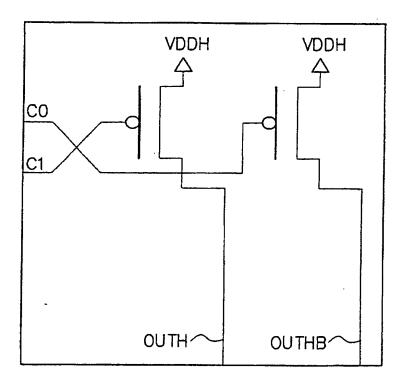
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F I G.30



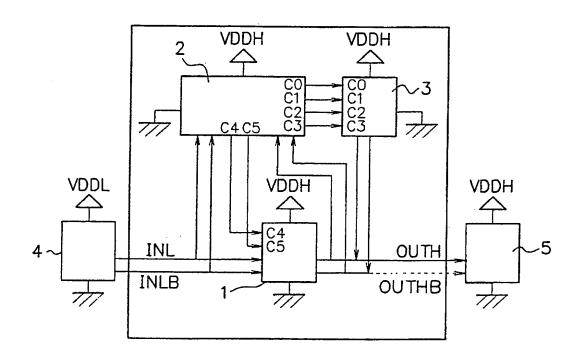
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F I G.31



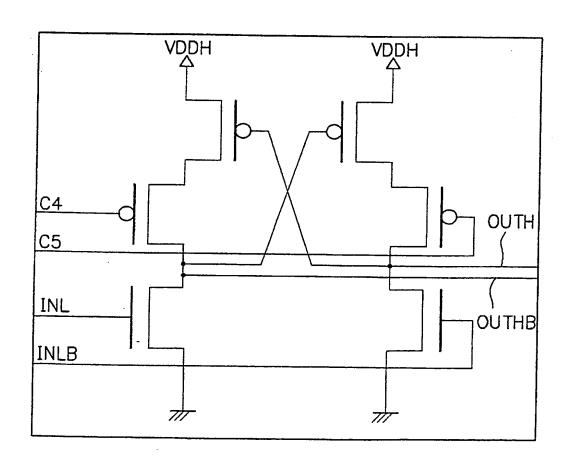
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F I G. 32



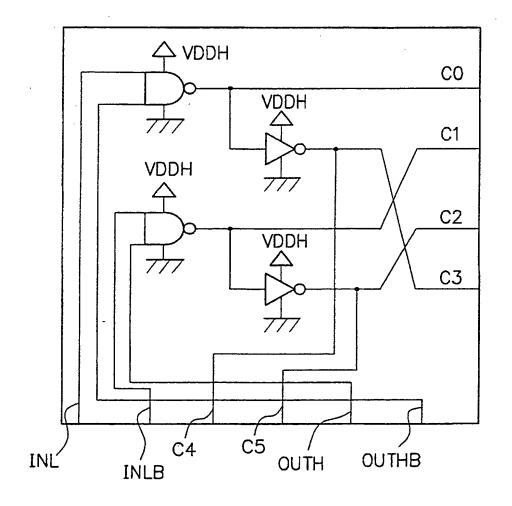
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F I G.33



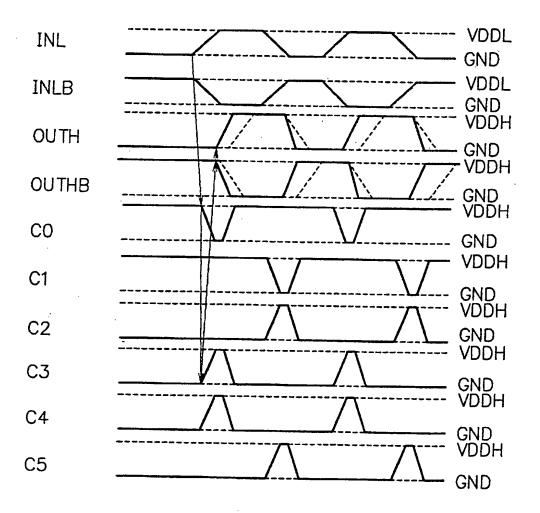
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F I G.34



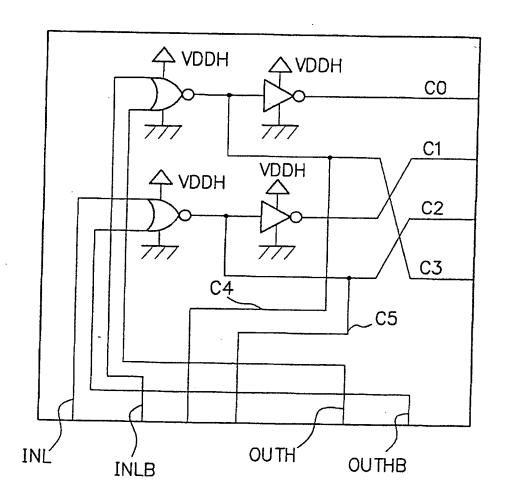
Masahiro NOMURA LEVEL SHIFT CIRCUIT Filed: May 5, 2005 Attorney Docket No.: Q87901 Telephone No. 202-293-7060 Sheet 35 of 38

F I G.35



Masahiro NOMURA LEVEL SHIFT CIRCUIT Filed: May 5, 2005 Attorney Docket No.: Q87901 Telephone No. 202-293-7060 Sheet 36 of 38

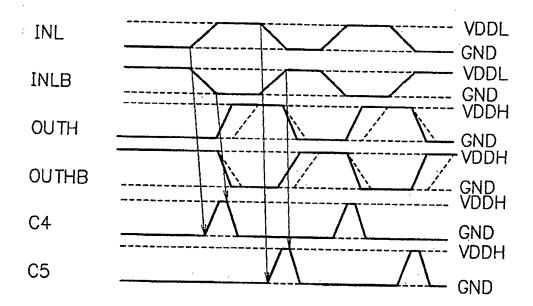
F I G.36



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Masahiro NOMURA LEVEL SHIFT CIRCUIT Filed: May 5, 2005 Attorney Docket No.: Q87901 Telephone No. 202-293-7060 Sheet 37 of 38

F I G.37



Masahiro NOMURA LEVEL SHIFT CIRCUIT Filed: May 5, 2005 Attorney Docket No.: Q87901 Telephone No. 202-293-7060 Sheet 38 of 38

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